



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

DATE: November 10, 1980

TO: Division File

FROM: Mary Schroeder

SUBJECT: COOK COUNTY LPC 03160022
CHICAGO/U.S. SCRAP

US EPA RECORDS CENTER REGION 5



597824

As noted on the October 29, 1980 inspection of U.S. Drum, Dan Smith notified me verbally that they wished to begin clean up of the U.S. Scrap site on Monday, November 3, 1980. When Jay Evans and I arrived on the site on November 3, 1980, a semi trailer was partially loaded with approximately 30 drums. Upon entering the trailer, it was noted that some of the drums were not opened. I asked Dan Smith how he knew what was in these particular drums. Smith said he did not know. I instructed Smith to have his personnel open all the unopened drums. Evans and I examined every drum in the trailer to determine whether the waste material was one of the five permitted waste streams. As noted in the 6/30/80 inspection, waste streams were categorized into materials easily identified and materials in larger volumes. After these waste streams were permitted and removed, it would be easier to determine what waste streams remain. After inventorying the drums on the trailer and monitoring drums as they were loaded onto the trailer, it was determined this load consisted of the following:

- 52 drums containing various amounts of sludge-estimated gallonage of 1,760 - transported under manifest #0315703 and supplemental permit #801767.
- 6 drums containing various amounts of oils and grease-estimated gallonage of 275 - transported under manifest #0315705 and supplemental permit #801769.
- 3 drums containing various amounts of rubber-estimated gallonage of 130 - transported under manifest #0315704 and supplemental permit #801770.
- 24 empty scrap drums. Five drums of waste materials must remain on site until supplemental permits are obtained for them. Three of these drums had to be taken off the partially loaded trailer. The inventory of these drums is as follows:
 - 2 drums, both full of a dark blue, slightly viscous opaque liquid with slight organics odor.
 - 1 full drum of a very viscous gold opaque material.
 - 1 full drum of a very viscous, dark brown and gold material.
 - 1 drum approximately $\frac{1}{2}$ full of small vials and bottles containing unknown wastes.

Permitted drum wastes not loaded onto the semi trailer were inventoried:

- 17 drums containing sludge permit #801767.
- 4 drums containing rubber permit #801770.
- 498 drums containing various amounts of ditch sludge permit #801771
- 26 drums containing metal scrap.

The waste sludge in the silo was being pumped into a "not for road" tanker with a capacity of 2500 gallons. The waste was then pumped into a placarded liquid waste hauling vehicle. The estimated capacity of this tanker is also 2500 gallons. The transference of the waste from the first tanker to the second could not be completed this day. Dan Smith said the waste would be finished being pumped on Tuesday but it would not be removed from the site until Wednesday, November 5, 1980 when M.S.D. personnel are present. A condition of all of the supplemental permits issued for the clean up of this site is that Agency personnel be present during the removal of the wastes. In that all Northern Region Field personnel were required to attend a safety seminar in Springfield November 4 and 5, 1980, Anne Rapkin of the Attorney General's office arranged for M.S.D. personnel to be present in lieu of Agency personnel.

The waste that was removed from the site November 3, 1980 was limited to the semi trailer as inventoried in this memorandum. Confirmation of waste materials removed on November 5 and 6, 1980 is forthcoming from M.S.D.

The following samples were taken during the inspection. See sample sheets for details:

- CU 101 - Liquid from the drainage way and lagoon system
- CU 102 - Drum of viscous gold waste
- CU 103 - Drummed sludge from drainage way
- CU 104 - Drum of dark blue slightly viscous material
- CU 105 - Waste being pumped from the silo.

cc: ✓ Northern Region

Bill Child

Anne Rapkin - Attorney General's Office



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

DATE: November 10, 1980
TO: Division File
FROM: J. Evans
SUBJECT: COOK CO. 031600022 Chicago/U.S. Scrap

Site clean up is still continuing under the supervision of the IEPA. On 11/10/80, J. Evans was on site to manage on going clean up and the removal of hazardous waste from the site.

At this time two loads of waste were properly manifested to Paxton Landfill. The first load was 80 - 55 gallon drums of "waste sludge ditch" authorization #801771 and the second load was approximately 2500 gallons of "waste sludge site" authorization #801768. According to Dan Smith, this was all the waste planned to leave the site today. It was also agreed upon by both Dan Smith and myself that no waste would leave the site on November 11th due to a holiday. However, plans were ok'd to have both the tanker and trailer loaded and properly manifest ready for disposal first thing Wednesday morning under IEPA Supervision.

cc: Bill Child
Ann Rapkin
Northern Region✓

northern Region
one Kapkin

agreed that no additional waste would be removed until Agency personnel
present on November 13, 1980.

the silo
one tanker containing approximately 2,500 gallons of waste from
agoon and drainage way system)
two semi-trailers. (5,200 gallons semi-solid sludge from the
50 drums estimated to be approximately 1/2 full were loaded into
org as follows:
at 12, 1980, I arrived on site to continue to monitor the removal
to Paxton II landfill. Waste loads manifested and prepared for
der
e
1980

LPC 03160022 - CHICAGO/U.S. SCRAP



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

DATE: November 13, 1980
TO: Division File
FROM: J. Evans *[initials]*
SUBJECT: COOK CO. - 031600022 - CHICAGO/U.S. SCRAP

On November 13, 1980, Brad Benning and myself supervised the removal of two loads of hazardous waste from the site. The manifested waste streams were:

- 1) Approximately 1500 gallons of "waste sludge silo" and
- 2) Approximately 84 drums, 3612 gallons, of "waste sludge ditch".

Drums remaining on are: approximately 25 drums of "waste sludge ditch", 45 drums of "drum waste sludge" and 5 drums of waste which has not been issued a supplemental permit at this time.

Plans were made to remove the remaining drums, with the exception of the five early November 14.

cc: Bill Child
Ann Rapkin
Northern Region ✓



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

DATE: November 14, 1980
TO: Division File
FROM: J. Evans *JE*
SUBJECT: COOK CO. - 031600022 - CHICAGO/U.S. SCRAP

On November 14th, I returned to supervise the removal of the remaining drummed waste with the exception of the 5 drums. Approximately 42 drums, 1500 gallons of "drum waste sludge" and 23 drums, 880 gallons, of "waste sludge ditch" were manifested for Paxton.

Plans were also made for Monday to start pumping out the liquid in the ditch and to remove the sludge left in the silo. Work was planned to begin around 10:00 a.m.

cc: Bill Child
Ann Rapkin
Northern Region ✓



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

Phase I Site Visit

MEMORANDUM

TO: Division File

DATE: 9/19/11

FROM: C. Gould

☐ Information only

SUBJECT: 03160022 / Cook Co Chicago / US Scrap IL980679481

☐ Response requested

Visited the subject site with two representatives of E+E who were questioning what the facility located at 124th & Cottage Grove was. I took them to the site and indicated that as far as I knew the facility designated on the ERIS List as Lake Cal. Quad 124th & Cottage Grove was the same as US Scrap.

E+E Representative indicated that they would go back to the office and review file on US Scrap and see if it were the same and if so, would eliminate Cal. Quad from list as a duplicate.

CCIN Region



STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

MESSAGE

REPLY

To: _____

To: _____

From: _____

From: _____

Date: _____

Date: _____

- ☐ TAKE NECESSARY ACTION
- ☐ FOR YOUR APPROVAL
- ☐ APPROVED
- ☐ REPLY
- ☐ RE-DO AND RE-SUBMIT
- ☐ FOR YOUR COMMENTS
- ☐ FOR YOUR INFORMATION
- ☐ FOR YOUR SIGNATURE
- ☐ DRAFT (LETTER) (MEMO) FOR (MY) (YOUR) SIGNATURE
- ☐ PER YOUR REQUEST
- ☐ SEE ME ABOUT ATTACHED
- ☐ RETURN
- ☐ FILE
- ☐ SEE REVERSE SIDE FOR ADDITIONAL COMMENTS
- ☐ DISCARD IF UNNECESSARY

- ☐ TAKE NECESSARY ACTION
- ☐ FOR YOUR APPROVAL
- ☐ APPROVED
- ☐ REPLY
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- ☐ FOR YOUR COMMENTS
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- ☐ RETURN
- ☐ FILE
- ☐ SEE REVERSE SIDE FOR ADDITIONAL COMMENTS
- ☐ DISCARD IF UNNECESSARY

Comments:

Comments:

*These sample were aqueous
in nature and a flash point
analysis could not be performed.*

John Hurley

Time Collected: 11:00 AM

Lab #

D017402

SPECIAL ANALYSIS FORM

Date Collected: 6-17-80

Date Received: JUN 20 1980

#X101

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:

Cook

FILE HEADING:

Chicago / Soap Kitchen

FILE NUMBER:

EMC19, R110

SOURCE OF SAMPLE: (Exact Location)

product found in
basement of abandoned brick elevator

PHYSICAL OBSERVATIONS, REMARKS:

Gray liquid possibly, pink
liquid from steel container

TESTS REQUESTED: PCB, Solvents, Flash pt.

COLLECTED BY: Ben

TRANSPORTED BY:

LABORATORY

RECEIVED BY: LH

DATE
COMPLETED:

10/30/80

DATE
FORWARDED:

10/31/80
J. Hurley

PCB < .1 $\mu\text{g/L}$ (PPb)

Xylene = 720 $\mu\text{g/L}$

Aliphatic hydrocarbons = 940 $\mu\text{g/L}$

RECEIVED

Environmental Protection Agency
Laboratory Section

NOV 5 1980

1701 FIRST AVENUE
MAYWOOD, ILLINOIS 60153

D017402

LPC-8A 4/77

(NOT FOR DATA PROCESSING)

EST

H.W.

Time Collected: 11:15 AM

Lab # DO17403

Date Collected: 6-17-80

SPECIAL ANALYSIS FORM

Date Received JUN 20 1980

X 102

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:

Cook

FILE HEADING:

Chicago / Scrap Metals

FILE NUMBER:

Enviro Recp.

SOURCE OF SAMPLE: (Exact Location)

liquid from lagoon

PHYSICAL OBSERVATIONS, REMARKS:

Gray liquid

TESTS REQUESTED:

PCB, Solvents, Clack pt.

COLLECTED BY: Bob Thompson

TRANSPORTED BY: Walter Thompson

LABORATORY

RECEIVED BY: LH

DATE
COMPLETED:

10/30/80

DATE
FORWARDED:

10/31/80
J. Hunsley

PCB 21 ug/l
Xylene = 220. ug/l

Time Collected: 1130 am

Lab # D017404

Date Collected: 6-17-80

SPECIAL ANALYSIS FORM

Date Received JUN 20 1980

X 103 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY: Cook FILE HEADING: Chicago / Scrap Handler FILE NUMBER: Emerg. Resp.

SOURCE OF SAMPLE: (Exact Location)

Ponded liquid in drum disposal area

PHYSICAL OBSERVATIONS, REMARKS:

Brownish liquid

TESTS REQUESTED: PCB, Solvents, Flashed pt.

COLLECTED BY: BUET DEANVILLE TRANSPORTED BY: BUET DEANVILLE

LABORATORY

RECEIVED BY: LH DATE COMPLETED: 10/30/80 DATE FORWARDED: 10/31/80

J. Hurley

PCB = 3.5 ug/l
Xylene = 210. ug/l

Time Collected: 11:30 am

Lab # D017404

Date Collected: 6-17-80

SPECIAL ANALYSIS FORM

Date Received JUN 20 1980

X 103

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:

Cook

FILE HEADING:

Chicago / Scrap Handler

FILE NUMBER:

Emerg. Resp.

SOURCE OF SAMPLE: (Exact Location)

Pounded liquid in drum disposed over

PHYSICAL OBSERVATIONS, REMARKS:

Brownish liquid

TESTS REQUESTED: PCB, Solvents, Flash pt.

COLLECTED BY: BRAD BROWN

TRANSPORTED BY: BRAD BROWN

LABORATORY

RECEIVED BY: LH

DATE
COMPLETED:

10/30/80

DATE
FORWARDED: 10/31/80

J. Shurey

PCB = 3.5 μ g/l

Xylene = 210. μ g/l

Time Collected: 11:15 AM

Lab # D017403

Date Collected: 6-17-80

SPECIAL ANALYSIS FORM

Date Received JUN 20 1980

X 102

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY: Cook

FILE HEADING: Chicago / Scrap Hunter

FILE NUMBER: Encls. Resp.

SOURCE OF SAMPLE: (Exact Location)

liquid from lagoon

PHYSICAL OBSERVATIONS, REMARKS:

Gray liquid

TESTS REQUESTED: PCB, Solvents, flash pt.

COLLECTED BY: BRAD BERNING

TRANSPORTED BY: BRAD BERNING

LABORATORY

RECEIVED BY: LH

DATE COMPLETED:

10/30/80

DATE FORWARDED:

10/31/80
J. Hunsley

PCB 21 ug/l
xylene = 220. ug/l

BA

Time Collected: 11:00 AM

Lab # D017402

Date Collected: 6-17-80

SPECIAL ANALYSIS FORM

Date Received JUN 20 1980

#X101

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:

Cook

FILE HEADING:

Chicago / Scrap Metal

FILE NUMBER:

Emery, Peter

SOURCE OF SAMPLE: (Exact Location)

product located in
basement of abandoned grain elevator

PHYSICAL OBSERVATIONS, REMARKS:

Gray liquid, possibly, product
liquid found steel drums

TESTS REQUESTED:

PCB, Solvents, Flash pt.

COLLECTED BY: Beck, Thomas

TRANSPORTED BY: Beck, Thomas

LABORATORY

RECEIVED BY:

LH

DATE
COMPLETED:

10/30/80

DATE
FORWARDED:

10/31/80

J. Kinley

PCB < .1 ug/L (PPB)

Xylene = 720 ug/L

Aliphatic hydrocarbons = 940 ug/L

RECEIVED
Environmental Protection Agency
Enforcement Section

NOV 5 1980

1701 FIRST AVENUE
MAYWOOD, ILLINOIS 60153

D017402

H.W.

Date: JAN 10, 1983

Time: 10A - 11A (A.M.) P.M.

Photograph By:

CHARLES GEBIEN

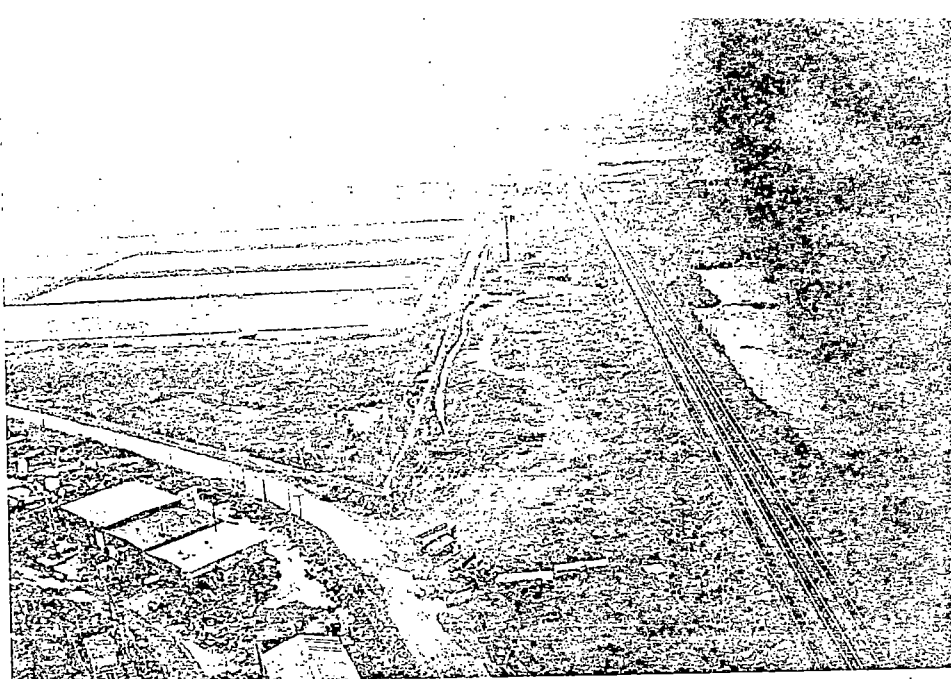
Location: 03160022

COOK Co.

CHICAGO / US SCRAP

Comments: Photograph taken

toward the AERIAL



Date: JAN 10, 1983

Time: 10A - 11A (A.M.) P.M.

Photograph By:

CHARLES GEBIEN

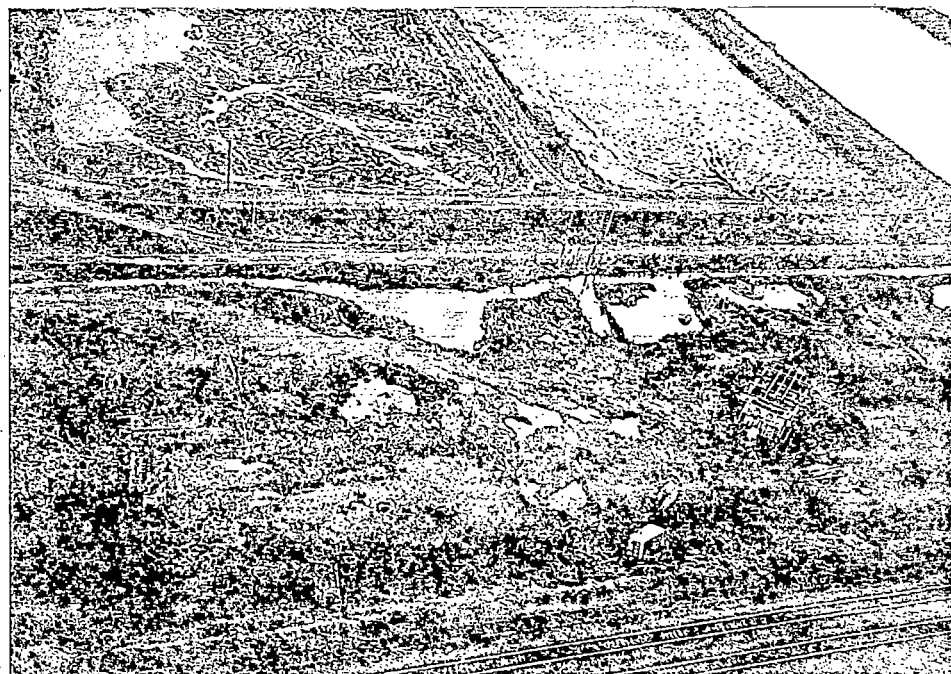
Location: 03160022

COOK Co.

CHICAGO / US SCRAP

Comments: Photograph taken

toward the AERIAL



Date: JAN 10, 1983

Time: 10A - 11A (A.M.) P.M.

Photograph By:

CHARLES GEBIEN

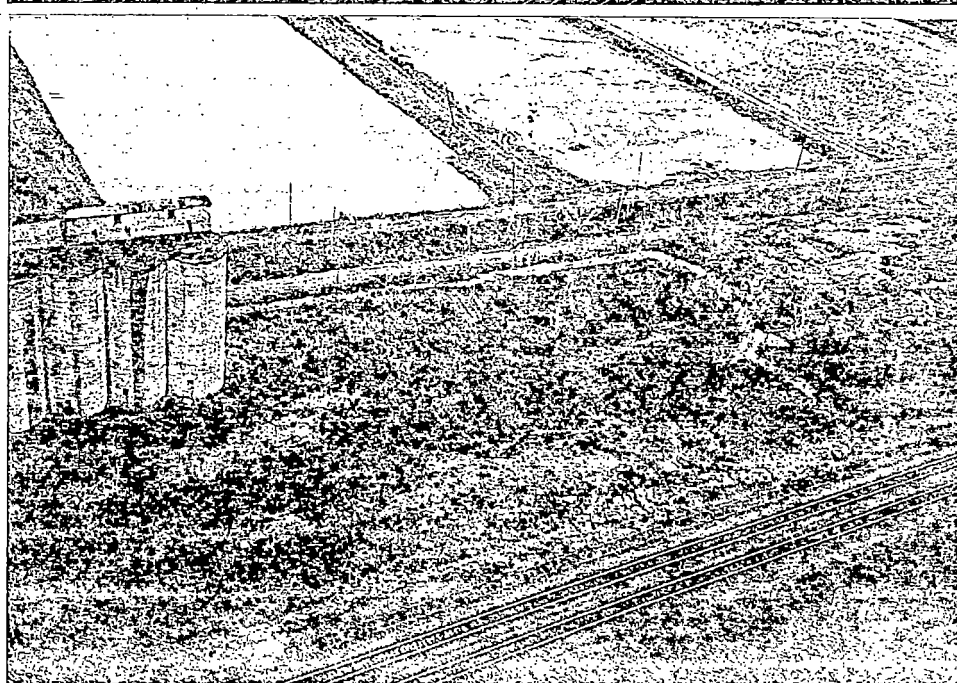
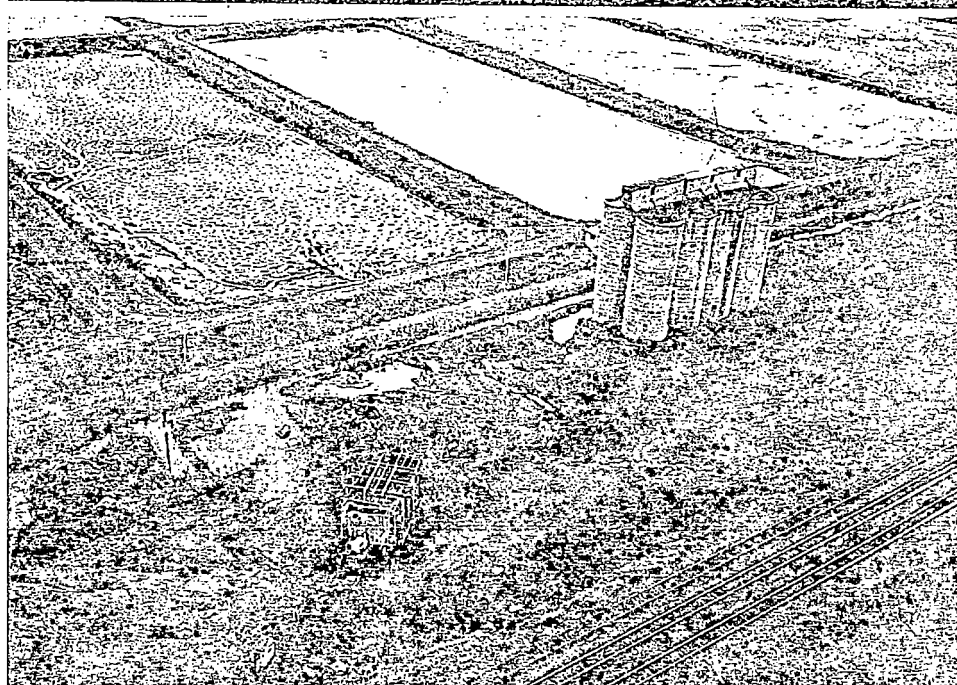
Location: 03160022

COOK Co.

CHICAGO / US SCRAP

Comments: Photograph taken

toward the AERIAL



Date: JAN 10, 1983

Time: 10A - 11A (A.M.) P.M.

Photograph By:

CHARLES GEBIEN

Location: 03160022

COOK Co.

CHICAGO / US SCRAP

Comments: Photograph taken

toward the AERIAL

Date: JAN 10, 1983

Time: 10A - 11A (A.M.) P.M.

Photograph By:

CHARLES GEBIEN

Location: 03160022

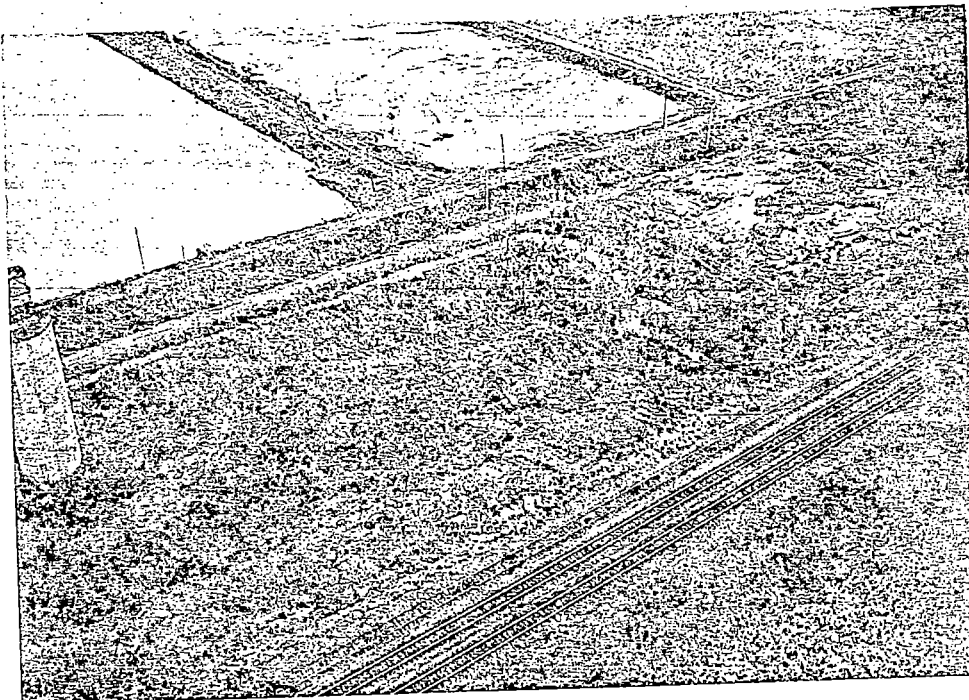
COOK

Co.

CHICAGO / US SCRAP

Comments: Photograph taken

toward the AERIAL



Date: JAN 10, 1983

Time: 10A - 11A (A.M.) P.M.

Photograph By:

CHARLES GEBIEN

Location: 03160022

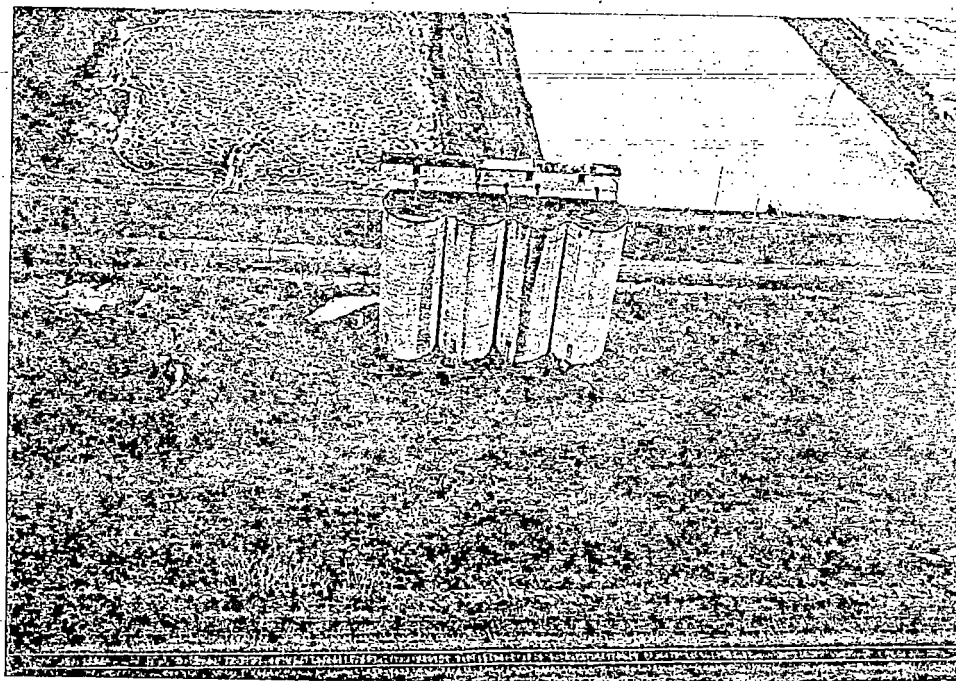
COOK

Co.

CHICAGO / US SCRAP

Comments: Photograph taken

toward the AERIAL



Paxton Landfill Corporation

12201 S. OGLESBY

CHICAGO, ILL. 60633

646-9768

646-0981

July 18, 1980

Mr. Wally El-Beck
Illinois Environmental Protection Agency
2200 Churchill Rd.
Springfield, IL 62706

Dear Mr. El-Beck:

Enclosed are three additional permit applications for the clean-up at 123rd & Cottage Grove Avenue in Chicago.

Steve Martell, as landowner of the clean-up site, has informed me that an error was made in the two original permit applications. The generator on those permits was listed as U.S. Scrap Corp., 12201 King Drive. U.S. Scrap Corp. was not the generator. The generator, and those responsible for the dumping at the site, are unknown.

On the enclosed permit applications, I have labeled the generator "as unknown", and the address as "123rd & Cottage Grove Avenue". This is the address referred to in the agreement and to avoid further confusion, I suggest that we use this address only.

Please note the corrections on the two original applications, and if there is any other information needed, please let me know.

Sincerely,

Dan H. Smith
Operations Manager

DHS/dg

Paxton Landfill Corporation

RECEIVED

SEP 10 1980

ILL. E.P.A. - D.L.P.C.
STATE OF ILLINOIS

12201 S. OGLESBY

CHICAGO, ILL. 60633

646-9768

646-0981

September 2, 1980

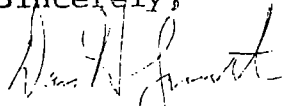
Mr. James Douglas Andrews
Environmental Engineering, Inc.
1320 S. Fifth Street
Springfield, IL 62703

Dear Mr. Andrews:

Jack Sauer has asked me to forward the enclosed cover letters and permits. The permits incorrectly list the generator as U.S. Scrap. The waste generators for each permit are unknown as described in the July 18, 1980, cover letter.

It is my understanding through Mr. Sauer, that you will contact the I.E.P.A. and clear-up this matter.

Sincerely,



Dan H. Smith
Operations Manager

DHS/dg
Encls.

cc: Mr. Whitebloom
Mr. Galley
Mr. Becheley

Paxton Landfill Corporation

12201 S. OGLESBY

CHICAGO, ILL. 60633

646-9768

646-0981

June 25, 1980

Mr. Wally El-Beck
Illinois Environmental
Protection Agency
2200 Churchill Rd.
Springfield, IL 62706

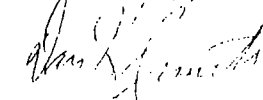
Dear Mr. El-Beck:

Paxton Landfill Corporation is involved in an emergency clean-up operation on the abandoned U.S. Scrap Corp. property at 112th Street and Cottage Grove Avenue.

Enclosed are two applications for supplemental permits for that site. The lab analysis for these wastes has been supplied verbally to us by Stanley Whitebloom of the Metropolitan Sanitary District and he will make copies available to you if you need them.

Other waste streams are now being analyzed and permit applications will soon follow.

Sincerely,



- Dan H. Smith
Operations Manager

DHS/dg
encl.



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

DATE: July 14, 1980
TO: Division File
FROM: Brad Benning
SUBJECT: COOK COUNTY - 03160022 - Chicago/U.S. Scrap-Garvey Elevator

IEPA MAY 16 1980
345-9780

On June 24-27, 1980, Brad Benning representing the IEPA-DLPC, observed the clean-up operation at the Garvey Grain Elevator located on the Penn Central Company property at 121st Street and Cottage Grove in Chicago, Illinois.

Chemical Waste Management of Illinois was contracted to remove a large quantity of a sulfide contaminated liquid from the basement of the elevator. Mr. Tom Tomaszewski General Manager of Chemical Waste and Mr. Jim Konstantelos, of the Penn Central Company, also were present during the clean-up operation. Each load removed was manifested and Chicago/CID received the supplemental permit to receive the waste material.

Vacuum trucks with a capacity of 5,000 gallons were filled, then each truck went to Chicago/CID, where 50 gallons of bleach were added to treat the high sulfide level, then the treated liquid is co-disposed with the general refuse. According to the manifests received from Chemical Waste the amount of liquid waste removed each day was as follows:

June 24	10 Loads	50,000 gallons
June 25	31 Loads	155,000 gallons
June 26	24 Loads	120,000 gallons
TOTAL		65 Loads 325,000 gallons

(5,000 gal/load)

Following the removal of the liquid, a sludge material remained, to absorb the liquid from this, approximately 200,000 pounds of Dolomite lime were pumped into the basement. According to Mr. Konstantelos, Penn Central plans to demolish the building to fill in the basement area then level off the area. As of this memo, the elevator has not been demolished.

BB:mg

cc: Bill Child

Northern Region ✓

Ken Bechely



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

DATE: July 14, 1980

TO: Division File

FROM: Brad Benning

SUBJECT: COOK COUNTY - 03160022 - Chicago/U.S. Scrap-Garvey Elevator

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BB:mg

cc: Bill Child
Northern Region ✓
Ken Bechely

Subject of Investigation:Date of Investigation:

J.S. SCRAP CORP.
 391 East Kensington Avenue
 Chicago, Illinois 60628

March 11, 12, 13, 14, 15, 1974

Mr. John Reynolds, Yard Manager
 928-2300

Originated by:

Trt. Plant ☐
 Other ☐

Main Office ☒
 Clean Streams ☐
 Local Authority ☐

Type of Complaint:

Waterway ☒ Sewer ☒ Other ☐

Lake Calumet/M.S.D. Calumet Treatment Plant

Supervisor Assigned:

J. Corcoran
 C. Meyers

Water Samplers:

J. Corcoran
 R. Earsley

Sample ☒ Nine Photographs ☐ Additional Information Attached ☐

INVESTIGATION: A tank truck dumping liquid material to the ground of U.S. Scrap observed by Mr. Pytel, Mr. Rado, and Mr. Coffey of the Calumet Treatment Plant. The truck stopped dumping and left as the observers were seen watching the dumping. Tank truck identification noted by Mr. Rado, 'Liquid Engineering' on the side door of the truck cab. The above information reported to Mr. Murphy, who notified the M.S.D. Dispatcher.

Mar 11, 1974, 3:10 P.M. Investigation began today by checking the entire area with Mr. Rado. Mr. Rado pointed out areas where U.S. Scrap's liquid material was entering into M.S.D. property and entering supernatant return lines to the Calumet Treatment Plant; also, oil runoff from U.S. Scrap property along the east boundry fence discharging into the ditch of the M.S.D. property.

Mar 12, 1974. Follow-up investigation today. Grab samples for all parameters sanitary sewer criteria were taken at station #1 - open manhole grate, as the runoff from U.S. Scrap entered the supernatant return line to the Calumet Treatment Plant. See attached log sheets for sampling data.

The following list of photos are attached to the original copy of this report:

- (A) Ponds on U.S. Scrap and M.S.D property
- (B) Runoff point from U.S. Scrap to M.S.D. property
- (C) Runoff entering open grate manhole of supernatant return line to Calumet Treatment Plant, sampling station #1
- (D) Brown discoloration inside M.S.D. fence from U.S. Scrap operation east of M.S.D property
- (E) Oily runoff to M.S.D. property; note black color in ditch. This is station #2 sampling location. A one quart hexane solubles grab sampl, sanitary sewer criteria, taken at this location. See attached log sheets for sampling data.
- (F) Oil pond on U.S. Scrap property shows runoff to M.S.D. ditch, then spreads out into slough area.
- (G) Sand bags in M.S.D. ditch blocking flow from slough area from M.S.D. ditch. Sand bags were placed in this area to prevent runoff and drainage from entering the Calumet Treatment Plant.

U.S. Scrap Corp. Discharge to Lake Calumet

Mar 11, 12, 13, 1974

Mar 14, 15, 1974

(H) Pond of discolored material; note dykes on left, runoff to slough area. Also, samples taken from the runoff entering slough to the south of this pond. Sampling station #3. Samples for all parameters, waterway criteria were taken as the discolored material left the property. See attached log sheets for sampling data.

All M.S.D. samples submitted to the M.S.D. Main Lab for analysis.

(I) Photo of discolored material leaving slough to drainage ditch north of 130th street. ~~Flows east to the drainage of the clover-leaf and area of 130th street~~ and the Calumet Expressway. Drainage from the area west of the Calumet Expressway is to the east side of the expressway, then to Slip #1, Lake Calumet via a 48 inch steel pipe.

Mar 13, 1974. Follow-up investigation today. Contacted Mr. John Reynolds, Yard Manager for U.S. Scrap. Mr. J. Corcoran instructed Mr. Reynolds to Stop all runoff from U.S. Scrap property to M.S.D. property; Stop all discharges from U.S. Scrap property to the slough; Remove the oil from the M.S.D. ditch and slough. The above work must be started at once.

Within the hour, U.S. Scrap began work by removing debris for roadway for a vacuum truck entrance along the east fence of the M.S.D. property. The vacuum truck of U.S. Scrap arrived at the site and began syphoning the oil from the M.S.D. ditch. Notified Mr. E. Pytel, ETPO I and Mr. Rado, TPO III of the Calumet Plant, the activities taken place by the M.S.D. east fence and ditch.

Mar 14, 1974. Follow-up inspection conducted by Mr. J. Corcoran.
12:15 P.M. The vacuum truck was syphoning oil from the M.S.D. ditch. An employee of U.S. Scrap was working inside the fence on M.S.D. property, guiding the oil to the suction hose to the vacuum truck.

2:30 P.M. Mr. E. Pytel told the employee of U.S. Scrap to remove himself from M.S.D. property. This was necessary in the interim to obtain legal advice and permission for the man to be working on M.S.D. property. Mr. Rosenberg, Attorney for the M.S.D. issued verbal approval to Mr. Pytel that U.S. Scrap be permitted to use men on M.S.D. property; the information provided by Mr. Rado.

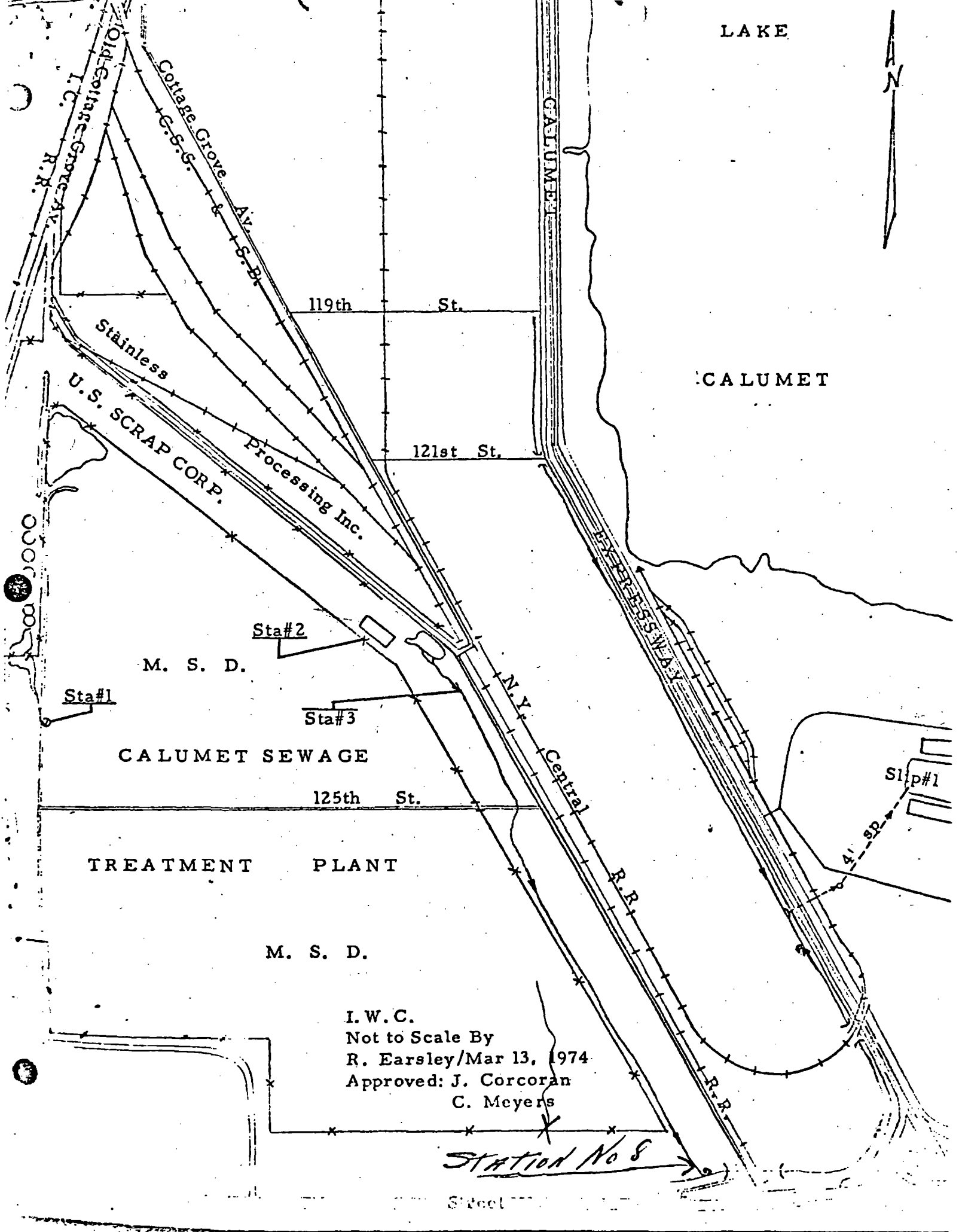
Mar 15, 1974. Follow-up inspection today. The vacuum truck was at the site, syphoning oil from the M.S.D. ditch. Contacted Mr. Bob Baich, Yard Manager for U.S. Scrap. Because of the rain today, took Mr. Baich on a tour of the area and showed him runoff from the property to the slough that eventually reaches Lake Calumet. The runoff areas must be stopped. Mr. Baich stated, he would start today. Also, would route the drainage of the oil from the M.S.D. ditch to a control point for syphoning and removing the oil from the M.S.D. property. This oil must all be removed, because of the large slough area and the rains will eventually cause the oil to reach Lake Calumet or re-enter the M.S.D. ditch and return to the Calumet Plant.

(continued)

LAKE



CALUMET



I.W.C.
Not to Scale By
R. Earsley/Mar 13, 1974
Approved: J. Corcoran
C. Meyers

Station No 8

Street

Mr. B. T. Lynam
Sbj: Recommendation for Show Cause
U.S. Scrap Co.

May 27, 1974

-3-

October 24, 1972

(continued) statement that any runoff would not enter District property or discharge to a waterway or sewer system.

Nov. 13, 1972 Letter received by Enforcement Section, signed by company officer, which stated that the company would prevent any run-off from its property onto property of the Metropolitan Sanitary District of Greater Chicago, and would prevent any such runoff from entering into any waterways or sewer systems.

Nov. 21, 1972 Inspection of site by field personnel of the Industrial Waste Control Section revealed runoff to District property. Company was required to raise the level of the dike to prevent such runoff.

May 30, 1973 Investigation by field personnel of the District revealed runoff from the company's property to District property was entering the 12-inch supernatant draw-off line from sludge lagoons #1, 2, 3 and 4 of the Calumet Treatment Plant. Photos were taken and samples were taken at the point of entry to the supernatant line. Additional samples at the same point were taken on June 4 and 5, 1973.

June 26, 1973 Following analysis of the samples taken on the above dates second notice of violation #72-255 was issued to the company for discharging an effluent with excessive concentrations of mercury, lead, iron and zinc into the sanitary sewerage system.

Mr. B. T. Lynam
Sbj: Recommendation for Show Cause
U. S. rap Co.

May 27, 1974

-4-

July 23, 1973 Company representative appeared and signed an agreement which stated that company would remove all drums near District fence line and would construct a new berm to stop all discharge to Calumet Plant property by September 1, 1973.

March 11, 1974 District Calumet Plant personnel observed runoff from company's property to Plant areas, entering supernatant return line from sludge lagoons. Runoff from company's property at another location was observed entering a ditch on District property which in turn leads to a sanitary sewer line.

March 12, 1974 During a follow up investigation of the area on this date, field personnel took photos of the various locations where runoff from the company's property was entering District property and sewer lines, and where runoff from the company's property was discharging to a storm system which in turn discharges to a slip of Lake Calumet. Samples were secured at three locations. Analyses of those samples and inspection of the photos reveal the following violations:

Station No. 1 - Calumet Plant Return Sludge Line

Discharge to the sewage treatment system of the Calumet Water Reclamation Plant of liquids which by their nature and quantity are injurious to and interfere with the proper operation of the Plant. Concentration of iron: 81 mg/l. Allowed limit: 50 mg/l.

Mr. B. T. Lynam
Sbj: Recommendation for Show Cause
U.S. Scrap Co.

May 27, 1974

-5-

Station No. 2 - Ditch to Sludge Return Line

Discharge to the sewage treatment system of the Calumet Water Reclamation Plant of liquids which by their nature and quantity are injurious to and interfere with the proper operation of the Plant. Concentration of hexane solubles: 170,000 mg/l. Allowed limit: 100 mg/l.

Station No. 3 - Storm System to Lake Calumet

mg/l	mg/l	mg/l	mg/l
<u>Hexane Solubles</u>	<u>Phenol</u>	<u>Iron</u>	<u>Ammonia</u>
25	2.948	190	72.00

Allowed limits for discharge to a waterway are:
for hexane solubles, 15 mg/l; for phenol, 0.3 mg/l;
for iron, 10.0 mg/l. ammonia 2.5

In light of the above, it must be considered that conciliation has broken down and Show Cause Action is recommended.

Very truly yours,

Cecil Lue-Hing

Cecil Lue-Hing, D. Sc., P.E.
Director
Research and Development

Prepared by:

Stanley W. ...
Chief/Enforcement Officer

Recommended by:

Paul W. ...
Assistant Chief Engineer

Approved:

Paul T. Lynam
General Superintendent

I W C FIEL OPERATION - SPECIAL INVESTIGATION 4631

Subject of Investigation:Date of Investigation:

U.S. SCRAP CORP.
391 East Kensington
Chicago, Illinois 60628

Oct 29, 30, 1974

Originated by:

Main Office ☐
Trt. Plant ☐ Clean Streams ☐
Other ☒ Local Authority ☐

PersonDateTime

J. Dencek

10-29-74

6:20PM

Type of Complaint:

Waterway ☒ Sewer ☐ Other ☐

Lake Calumet

Supervisor Assigned:Water Samplers:

J. Corcoran
C. Meyers

Sample ☒ None Photographs ☐ Additional Information Attached ☐

INVESTIGATION:

Complainant: Penn-Central Switchman

Complaint: ~~U.S. Scrap flooding area with dirty black water in area of Garvey Grain Elevator and running onto railroad siding that would go to Lake Calumet.~~

~~7:30 P.M. Investigation at 130th street and New York Central Railroad tracks during rain tonight. The area was flooded; drainage was east to a drainage ditch along 130th street. This was rain water only.~~

Checking farther north along the tracks to about 123rd street; the runoff from the area was draining into a large slough area. Also checked the runoff from around U.S. Scrap and the M.S.I ditch at the sand bags known as station #3. Found the clay dike had let loose and was running from the ditch to U.S. Scrap property to the slough north of 125th street, then south to the large slough area. The discolored runoff had not filled up the slough area to reach the drainage ditch at 130th street. To prevent the runoff from reaching 130th street, U.S. Scrap earlier in the year, had cut an eight foot wide trench across the slough about three to four feet deep. The black discolored water had not reached this ditch. This ditch is about one-quarter of a mile north of the 130th street storm drainage ditch.

Checked the west property of the M.S.D. Calumet Treatment Plant and the east property of U.S. Scrap. There was no runoff at this time from U.S. Scrap to the M.S.D property, although there is a possibility of some U.S. Scrap ponds near the M.S.D. fence filling up and running onto the M.S.D. property.

During this investigation, saw a tanker with the truck motor running at the northeast corner of U.S. Scrap property. Surveillance was maintained for about one hour; the truck never moved.

Investigation terminated.


(continued)

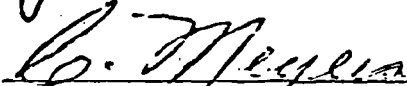
U.S. Scrap Corp. Discolored Runoff to Lake Calumet

Oct 29, 30, 1974

10:20 P.M. Reported to the M.S.D. System Dispatcher, no discolored or runoff water from U.S. Scrap had reached Lake Calumet. Follow-up investigation will be conducted tomorrow.

October 30, 1974. Inspection today; found no runoff from U.S. Scrap property that reached the storm drainage ditch on 130th street, that eventually reaches Lake Calumet.


J. Corcoran, PCO II


C. Meyers, PCO I

CM/re

I W C FIELD OPERATION - SPECIAL INVESTIGATION

Subject of Investigation:

Date of Investigation:

U.S. SCRAP CORP.
391 East Kensington
Chicago, Illinois 60628

Nov 6, 1974
Nov 8, 1974

Mr. R. Baich, Supr.
928-2300

Originated by:

Main Office ☒

Trt. Plant ☐

Clean Streams ☐

Other ☐

Local Authority ☐

Type of Complaint:

Waterway ☒

Sewer ☒

Other ☐

Lake Calumet / M.S.D. Ditch

Supervisor Assigned:

J. Corcoran
A. Boehme

Person

Date

Time

S. Whitebloom

10-24-74

verbal

Water Samplers:

Sample ☒ Four Photographs ☒ Two Additional Information Attached ☐

INVESTIGATION: BOARD ORDER of June 20, 1974, compliance date, July 28, 1974.

Follow-up inspection of Mr. S. Whitebloom's verbal instructions of 10-24-74 regarding clean-up and no operations at U.S. Scrap receiving of any liquid wastes.

Mr. Baich was not available during this inspection. The company was not pumping their ponds to any tank truck at the time of this inspection. There were two flat bed trucks loaded with drums of material in view of their office. Unable to get license plate numbers, due to mutilation of one plate and no license plate on the other truck.

~~Inspection of the south slough area showed a discharge through the dikes entering storm ditch at 130th street.~~ The attached photos indicate heavy leaching through the earthen dikes to storm ditch, which flows to Lake Calumet. This dike was constructed to hold back the south slough water from entering the storm ditch. Samples were taken of this discharge for BOD, Suspended Solids, Phenol/Cyanide/Hexane Solubles, and trace metals. This point of discharge labeled station #8; see attached sketch. Grab samples were delivered to the south trailer location, where they were picked up by B. Sukis for transport to M.S.D. Main Lab for waterway criteria analysis.

Mr. Baich was later contacted by telephone and informed of the south slough discharging to the waterways. He was advised to provide whatever means necessary to eliminate the discharge. He explained, he would contact his attorney to determine if it is his responsibility to provide for the elimination of the discharge; after which time, he would notify us. Mr. Baich did not call back.

Nov. 8, 1974. Mr. Baich was called and he said he would reinforce the dike in the south slough area today.

AB/re

J. Corcoran, PCO II / A. Boehme, PCO I

I W C FIELD OPERATION - SPECIAL INVESTIGATION

Subject of Investigation:

U. S. Scrap Co.
300 S. Kensington
Chicago, Ill.

Date of Investigation:

June 20, 1975

Originated by:

Main Office ☒

Trt. Plant ☐

Clean Streams ☐

Other ☐

Local Authority ☐

Type of Complaint:

Waterway ☒

Sewer ☐

Other ☐

Storm Ditch to Lake Calumet

Person

Date

Time

M. Venuso

6-19-75

9:00 A.M.

Supervisor Assigned:

J. Corcoran

A. Boehme

Water Samplers:

Sample ☒

Photographs ☒

Additional Information Attached ☐

INVESTIGATION:

An inspection was conducted on June 20, 1975, of the U.S. Scrap Co, property and operations of disposal of liquid waste on properties adjacent to that of the M.S.D. property.

This inspection was conducted for the purpose of reporting prevailing conditions at the Status Call on June 30, 1975 before Judge Morrissey.

9:30 A.M.

A photograph was taken of the M.S.D. Northwest property line which shows oily leachate that has discharged onto M.S.D. property indicating that dykes and trench that were constructed by U.S. Scrap Co., are not adequate to prevent leachating from entering M/S.D. property.

9:40 A.M.

A photograph was taken of the M.S.D. Northeast property line which shows the black substance that is discharging into the M.S.D. ditch upstream, discharging under the M.S.D. fence onto railroad property forming a slough which is discharging to a ditch that is a tributary to Lake Calumet. M.S.D. has constructed sand bags at this point in their ditch to prevent the black substance from entering the influent at the Calumet Sewage Treatment works.

10:00 A.M.

Grab samples were obtained for all waterway parameters of the black substance with strong putrid odors at the point where it was discharging into the M.S.D. ditch at the Northeast property line, that has been identified as the Garvey Elevator Operation Site, that has been used by U.S. Scrap Co. for disposal of liquid waste.

10:05 A.M.

A photograph was taken of the discharge at the time the samples were being obtained. Keep in mind that this discharge is entering the M.S.D. ditch upstream several hundred feet before it discharges from M.S.D. ditch to railroad property, where the sand bags were placed in the M.S.D. ditch.

11:00 A.M.

Grab samples were obtained for all parameters waterway criteria at the point of discharge

June 20, 1975

from the large slough into a ditch on the North side of 130th St. ingress and egress road to railroad property, this ditch has a direct route to Lake Calumet. A photograph was not taken of this discharge as it was not readily visible because of high weeds and heavy foliage.

12:30 P.M.

A photograph was taken of a large trench on U.S. Scrap Co., property approximately 900 Ft. long and 8 Ft. wide, that contained black oil and liquid waste. The trench abutts M.S.D. West property line. The oily liquid waste should be removed from the trench as it accumulates to effect elimination of leaching on to M.S.D. property.

There was no activity or indication that this company is still using this area as a liquid waste disposal site at the time of this investigation. There were no Company personnel on the property during this investigation.

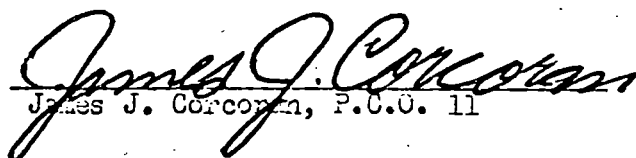
There are approximately six to eight fifty five gallon steel drums in the M.S.D. ditch at the Northeast property line that contain waste oil. These drums were placed there by U.S. Scrap Co., employees when they were removing the oil from the ditch last year.

Recommend that company be notified to remove these drums from M.S.D. property expeditiously.

1:30 P.M.

A photograph was taken of the black substance mixed with frothing that is discharging from the slough into the ditch that is a tributary to Lake Calumet. The photograph was taken of the contents in the ditch just North of 130th St. and East of the Illinois Central R.R. tracks.

All grab samples that were obtained during this investigation were delivered to the I.W. C. South Trailer where they were then transported to the M.S.D. Main Lab. for analysis.


James J. Corcoran, P.C.O. 11

LAKE



CALUMET

119th St.

121st St.

EXPRESSWAY

Central R.R.

Slough

Slip#1

Sta#6

Sta#8

Cottage Grove Av. & S. St.
C.G.S.
Old Cottage Grove Av.
I.C. R.R.

Stainless Processing Inc.
U.S. SCRAP CORP.
M.S.D. ditch

Sta#7 elevator

Sta#2 elevator

sand bags

CALUMET SEWAGE

Sta#4
125th St.

TREATMENT PLANT

M. S. D.

I. W. C.
Not to Scale By
R. Earsley/June 20, 1975
Approved: J. Corcoran

130th

Street

**ENFORCEMENT SAMPLING
I W C FIELD OPERATION - SPECIAL INVESTIGATION**

Subject of Investigation:

Date of Investigation:

U.S. SCRAP CORP.
391 East Kensington
Chicago, Illinois

Mar. 4, 1976

Originated by: Main Office ☐
Trt. Plant ☐ Clean Streams ☐
Other ☒ Local Authority ☐

<u>Person</u>	<u>Date</u>	<u>Time</u>
J. Dencek	3-4-76	12:15PM

Type of Complaint:

Waterway ☒ Sewer ☒ Other ☐

Lake Calumet/Sanitary Sewer - Calumet Sewage Treatment Works

Supervisor Assigned:

Water Samplers:

J. Corcoran
A. Boehme

J. Corcoran

Sample ☒ (4 San. S.)
 (9) Nine Photographs ☒ (4) Four Additional Information Attached ☐
 (5 w/w)

INVESTIGATION:

Received call in Unit #012, this date, from J. Dencek, PCO IV at 12:15 P.M. to make an inspection of U.S. SCRAP CORP.

12:30 P.M. Arrived at the company. No company personnel were at this property site.

12:45 P.M. Station #1 - discharge from company property onto M.S.D. property to the sanitary sewer to Calumet Sewage Treatment Plant. All sanitary sewer parameters were obtained. Samples were light green with oily film and a strong putrid odor. Refer to sketch for location of station #1.

A photograph was taken of the discharge at station #1. A photograph was taken as the discharge entered the sewer to the Calumet Sewage Treatment Plant.

1:00 P.M. Station #2 - leaching from company property into ditch on M.S.D. property. A grab sample was obtained for hexane solubles analysis, waterway criteria. Heavy black oil observed in sample. Refer to sketch for location of station #2. A photograph was taken of the oily leaching at station #2.

2:00 P.M. Station #8 - discharge from slough to storm ditch to Lake Calumet. Grab samples were obtained of the discharge from the slough into the storm ditch for all waterway criteria parameters. Samples: green cast, strong putrid odor. Refer to sketch for location of sta. #8. A photograph was taken of the discharge as it entered the storm ditch.

All samples that were obtained during this inspection were delivered by A. Boehme, PCO I, to the M.S.D. Main Laboratory for analysis. He arrived at the laboratory at 4:00 P.M. this date.

Attachments:

Photographs
Sketch
Sampling Log Sheets


J. Corcoran, PCO II

3/4/76

TO: The Board of Trustees and All Department Heads

General Superintendent

RESEARCH AND DEVELOPMENT DEPARTMENT
INDUSTRIAL WASTE DIVISION

76-08
WATERWAY SPILL REPORT

Date 3/4/76
Time of Spill Unknown
Name of Waterway Ditch to Lake Calumet
Location Storm ditch on north side of old 130th east side of Calumet Treatment Plant
Name of Observer Corcoran MSD.
Name of Suspected Violator U.S. Scrap
Nature of Material Spilled Greenish color material with putrid odor (Raw sewage, oil, etc.)
Duration of Spill All day
Description of Extent of Spill running out of diked area at rate of (Estimated volume, length and width of slick, etc.) several hundred gpm
Action Taken Owners of property cannot be located at this time. MSD will dike area so materials cannot enter our property which drains to ditch to Lake Calumet. Reported to U.S. Coast Guard
Conclusion: _____

Prepared by: Jerome Tobias

MSD-IWC FORM #1000-69

EWK:SWW:ae

cc: J. Dencek (3)

INDUSTRIAL WASTE

ANALYSIS DATA:

WATERWAYS

RESULTS EXPRESSED IN mg/l
(milligrams per liter)

Station #8

N.S.= no sample

N.A.= no analysis

[illegible]

Date: _____

Analyst: C. Arenberg

Supervising Chemist: _____

THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO
RESEARCH AND CONTROL LABORATORY ATOMIC ABSORPTION METALS REPORT

INDUSTRIAL WASTE

ANALYSIS DATA:

SEWERS

Station #1

RESULTS EXPRESSED IN mg./l.
(milligrams per liter)

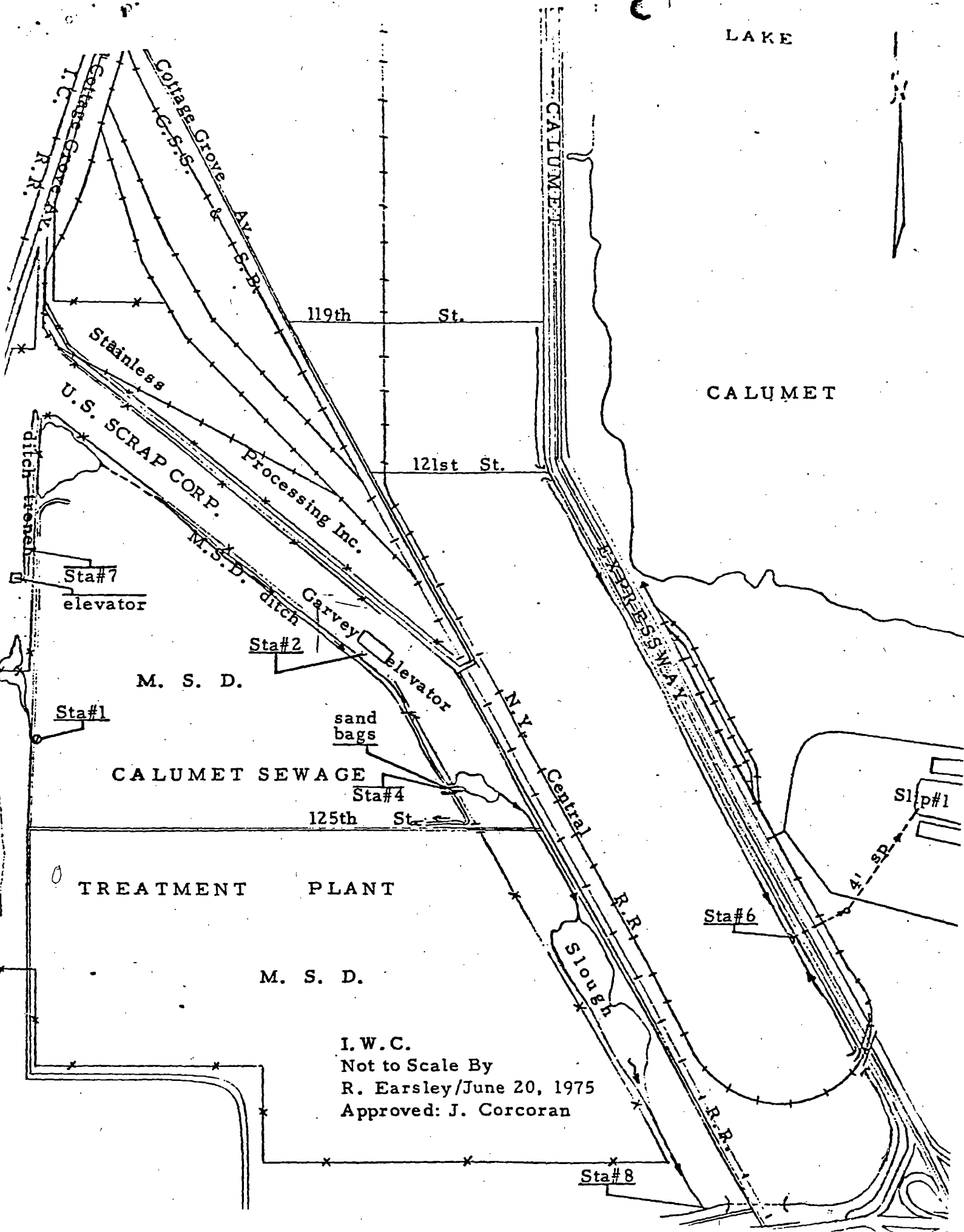
N.S.= no sample.

N.A.= no analysis

[illegible]

LAKE

CALUMET



I.W.C.
Not to Scale By
R. Earsley/June 20, 1975
Approved: J. Corcoran